



Complete Summary

TITLE

Migraine headache: percentage of migraine sufferers with treatment plans for mild, moderate and severe headaches.

SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Migraine headache. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2003 Jul. 68 p. [124 references]

Brief Abstract

DESCRIPTION

This measure assesses the percentage of migraine sufferers with treatment plans for mild, moderate and severe headaches.

RATIONALE

The priority aim addressed by this measure is to increase the rate of treatment plans or adherence to plan for mild, moderate, and severe headaches for migraine sufferers.

PRIMARY CLINICAL COMPONENT

Migraine headache; treatment (pharmacological, adjunctive)

DENOMINATOR DESCRIPTION

All patients age 12 and older who had an encounter with the medical group in the past month for migraine headache

NUMERATOR DESCRIPTION

Number of records reviewed with any evidence of treatment plans for mild, moderate and severe headaches to include:

- pharmacological treatment
- adjunctive therapy

Evidence Supporting the Measure

PRIMARY MEASURE DOMAIN

Process

SECONDARY MEASURE DOMAIN

Not applicable

EVIDENCE SUPPORTING THE MEASURE

A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

NATIONAL GUIDELINE CLEARINGHOUSE LINK

- [Migraine headache.](#)

Evidence Supporting Need for the Measure

NEED FOR THE MEASURE

Unspecified

State of Use of the Measure

STATE OF USE

Current routine use

CURRENT USE

Internal quality improvement

Application of Measure in its Current Use

CARE SETTING

Physician Group Practices/Clinics

PROFESSIONALS RESPONSIBLE FOR HEALTH CARE

Physicians

LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED

Group Clinical Practices

TARGET POPULATION AGE

Age greater than or equal to 12 years

TARGET POPULATION GENDER

Either male or female

STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

Characteristics of the Primary Clinical Component

INCIDENCE/PREVALENCE

Migraine headaches affect an estimated 23 million Americans, with 11 million experiencing significant headache-related disabilities. Migraines affect about 17% of American women and 6% of American men. Headache sufferers may not only be incapacitated at work, but also in family and social functions.

EVIDENCE FOR INCIDENCE/PREVALENCE

Institute for Clinical Systems Improvement (ICSI). Migraine headache. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2003 Jul. 68 p. [124 references]

ASSOCIATION WITH VULNERABLE POPULATIONS

Unspecified

BURDEN OF ILLNESS

See the "Incidence/Prevalence" field.

UTILIZATION

Unspecified

COSTS

Migraines have an economic impact through significant losses in productivity as well as through health care costs. The cost in dollars is probably somewhere between \$1.4 billion and \$17.2 billion. For an estimated 6,196,378 migraine sufferers who work outside the home, lost productivity is approximately \$1.4 billion a year, with 1.4 to 4.0 days lost annually. Employers lose \$5.6 to \$17.6 billion annually in production. For an estimated 648 migraineurs surveyed, the total annual medical expenditure was \$529,199. This figure includes emergency room visits, general medical attention, specialists, hospitalizations, and prescription and over-the-counter medications.

EVIDENCE FOR COSTS

Institute for Clinical Systems Improvement (ICSI). Migraine headache. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2003 Jul. 68 p. [124 references]

Institute of Medicine National Healthcare Quality Report Categories

IOM CARE NEED

Living with Illness

IOM DOMAIN

Effectiveness

Data Collection for the Measure

CASE FINDING

Users of care only

DESCRIPTION OF CASE FINDING

Patients age 12 years and older with migraine headache

Each month, a sample of patients with migraine headache seen in the past month is identified. A chart abstraction is conducted to determine whether or not there is any evidence of a documented treatment plan defining medication and adjunctive therapy for treatment of mild, moderate and severe migraine.

Suggested data collection time frame is monthly.

DENOMINATOR SAMPLING FRAME

Patients associated with provider

DENOMINATOR (INDEX) EVENT

Clinical Condition
Encounter

DENOMINATOR INCLUSIONS/EXCLUSIONS

Inclusions

All patients age 12 and older who had an encounter with the medical group in the past month for migraine headache

Exclusions
Unspecified

NUMERATOR INCLUSIONS/EXCLUSIONS

Inclusions

Number of records reviewed with any evidence of treatment plans for mild, moderate and severe headaches to include:

- pharmacological treatment
- adjunctive therapy

Exclusions
Unspecified

DENOMINATOR TIME WINDOW

Time window is a fixed period of time

NUMERATOR TIME WINDOW

Fixed time period

DATA SOURCE

Medical record

LEVEL OF DETERMINATION OF QUALITY

Individual Case

PRE-EXISTING INSTRUMENT USED

Unspecified

Computation of the Measure

SCORING

Rate

INTERPRETATION OF SCORE

Better quality is associated with a higher score

ALLOWANCE FOR PATIENT FACTORS

Unspecified

STANDARD OF COMPARISON

Internal time comparison

Evaluation of Measure Properties

EXTENT OF MEASURE TESTING

Unspecified

Identifying Information

ORIGINAL TITLE

Percentage of migraine sufferers with treatment plans for mild, moderate and severe headaches.

MEASURE COLLECTION

[Migraine Headache Measures](#)

DEVELOPER

Institute for Clinical Systems Improvement

ADAPTATION

Measure was not adapted from another source.

RELEASE DATE

2003 Jul

MEASURE STATUS

This is the current release of the measure.

SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Migraine headache. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2003 Jul. 68 p. [124 references]

MEASURE AVAILABILITY

The individual measure, "Percentage of migraine sufferers with treatment plans for mild, moderate and severe headaches," is published in "Health Care Guideline: Migraine Headache." This document is available from the [Institute for Clinical Systems Improvement \(ICSI\) Web site](#).

For more information, contact ICSI at, 8009 34th Avenue South, Suite 1200, Bloomington, MN 55425; phone: 952-814-7060; fax: 952-858-9675; Web site: www.icsi.org; e-mail: icsi.info@icsi.org.

NQMC STATUS

This NQMC summary was completed by ECRI on April 28, 2004.

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